## SEQUENCE LISTING

- <110> OP DEN CAMP, Hubertus Johannes Marie
   HARHANGI, Harry Ramanoedj
   VAN DER DRIFT, Christiaan
   PRONK, Jacobus Thomas
- <120> Fermentation of pentose sugars
- <130> 28902.0008
- <140> 10/500,872
- <141> 2004-07-07
- <150> PCT/NL03/00049
- <151> 2003-01-23
- <150> BO 44829
- <151> 2001-12-31
- <160> 4
- <170> PatentIn Ver. 2.1
- <210> 1
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- Glu Val Met Gly Lys Lys Met Lys Asp Trp Leu Arg Phe Ala Met Ala 35 40 45
- Trp Trp His Thr Leu Cys Ala Glu Gly Ala Asp Gln Phe Gly Gly 50 55 60
- Thr Lys Ser Phe Pro Trp Asn Glu Gly Thr Asp Ala Ile Glu Ile Ala 65 70 75 80
- Lys Gln Lys Val Asp Ala Gly Phe Glu Ile Met Gln Lys Leu Gly Ile 85 90 95
- Pro Tyr Tyr Cys Phe His Asp Val Asp Leu Val Ser Glu Gly Asn Ser
- Ile Glu Glu Tyr Glu Ser Asn Leu Lys Ala Val Val Ala Tyr Leu Lys 115 120 125
- Glu Lys Gln Lys Glu Thr Gly Ile Lys Leu Leu Trp Ser Thr Ala Asn 130 135 140

Val Phe Gly His Lys Arg Tyr Met Asn Gly Ala Ser Thr Asn Pro Asp Phe Asp Val Val Ala Arg Ala Ile Val Gln Ile Lys Asn Ala Ile Asp 170 Ala Gly Ile Glu Leu Gly Ala Glu Asn Tyr Val Phe Trp Gly Gly Arq 180 185 Glu Gly Tyr Met Ser Leu Leu Asn Thr Asp Gln Lys Arg Glu Lys Glu 200 His Met Ala Thr Met Leu Thr Met Ala Arg Asp Tyr Ala Arg Ser Lys 210 220 Gly Phe Lys Gly Thr Phe Leu Ile Glu Pro Lys Pro Met Glu Pro Thr 230 235 Lys His Gln Tyr Asp Val Asp Thr Glu Thr Ala Ile Gly Phe Leu Lys 250 Ala His Asn Leu Asp Lys Asp Phe Lys Val Asn Ile Glu Val Asn His 260 Ala Thr Leu Ala Gly His Thr Phe Glu His Glu Leu Ala Cys Ala Val 280 Asp Ala Gly Met Leu Gly Ser Ile Asp Ala Asn Arg Gly Asp Tyr Gln Asn Gly Trp Asp Thr Asp Gln Phe Pro Ile Asp Gln Tyr Glu Leu Val 310 315 Gln Ala Trp Met Glu Ile Ile Arg Gly Gly Phe Val Thr Gly Gly 330 Thr Asn Phe Asp Ala Lys Thr Arg Arg Asn Ser Thr Asp Leu Glu Asp 345 Ile Ile Ile Ala His Val Ser Gly Met Asp Ala Met Ala Arg Ala Leu Glu Asn Ala Ala Lys Leu Leu Gln Glu Ser Pro Tyr Thr Lys Met Lys Lys Glu Arg Tyr Ala Ser Phe Asp Ser Gly Ile Gly Lys Asp Phe Glu 385 390 Asp Gly Lys Leu Thr Leu Glu Gln Val Tyr Glu Tyr Gly Lys Lys Asn Gly Glu Pro Lys Gln Thr Ser Gly Lys Gln Glu Leu Tyr Glu Ala Ile 420 425

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Glu Trp Phe Asp Lys Gly Leu Glu Val Cys Phe Gly Lys Leu Ser Ala 50 55 60

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Leu Asn Trp Lys Leu Thr Gly Asp Tyr Val Met Glu Tyr Gly Asp Ala 165 170 175

Ser Gly Thr A h Leu Phe Asp Ser Lys Asn Arg Cys Trp Ser Lys Lys 180 185 190

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